



PATENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MS</i>	A1	5 1 0 1 0 4 3	MAR 92	Steffen			
<i>MS</i>	A2	4 9 1 2 2 3 2	MAR 90	Mullins et al.			
<i>MS</i>	A3	4 1 7 8 4 6 3	DEC 79	Gittos et al.			
<i>MS</i>	A4	4 0 3 9 5 4 9	AUG 77	Metcalfe et al.			
<i>MS</i>	A5	3 9 6 0 9 2 7	JUN 76	Metcalfe et al.			
<i>MS</i>	A6	Re 3 1 9 8 0	SEP 85	Metcalfe et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>MS</i>	B1	0 4 2 7 1 9 7	MAY 91	EP (Merrell Dow)				
<i>MS</i>	B2	2 1 3 3 0 0 2	JUL 84	GB (Merrell Toraupe)				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>MS</i>	C1	US	Abstract - AAD89-05373, Vol. 49/12-B of Dissertation Abstracts International, P. 5280; Tae Woo Kwon: "Part I. Asymmetric synthesis of 4-vinyl-4-aminobutyric acid. Part II. Section A - Thiophenyl cyclopropylcarbinyl derivatives; conversion to dithiophenylcyclobutanes. Section B - Homoallylic substitution reactions" - 1988 - Assignee: The University of Connecticut.
<i>MS</i>	C2	JP	Chemical and Pharmaceutical Bulletin, vol. 26, No. 3, pages 774-783, Pharmaceutical Society of Japan; M. Watanabe et al.: "Ubiquinone and related compounds. XXXI. Synthesis of urinary metabolites of ubiquinone, phyloquinone, alpha-tocopherol and their related compounds". March 1978, Assignee: Takeda Chemical Industries.
<i>MS</i>	C3	US	JACS, vol. 98, No. 10, pages 2901-2910; L.E. Overman: "A general method for the synthesis of amines by the rearrangement of allylic trichloroacetimidates. 1,5 transposition of alcohol and amine functions". May 1976 - Assignee: University of California.
<i>MS</i>	C4	US	JACS, vol. 92, No. 3, pages 741-743; W.S. Johnson et al.: "A simple stereoselective version of the claisen rearrangement leading to trans-trisubstituted olefinic bonds. Synthesis of squalene". February 1970 - Assignee: Stanford University.

EXAMINER

Michael D. Shapiro

DATE CONSIDERED

8/93

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.